

1. Amendments to the Claims:

A clean version of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 C.F.R. § 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) An electrical device comprising:
a substrate carrying at least one component comprising at least one electrode; and
a first connecting line electrically connected to said electrode, said first connecting line bridging a second connecting line by a crossover,
wherein at least a portion of a perimeter of the crossover is bounded by an electrically insulating structure, insulating the crossover from at least one other crossover.
2. (Previously Presented) The electrical device of claim 1, wherein said electrically insulating structure extends into a direction substantially perpendicular to said substrate and comprises at least one overhanging portion projecting in a direction substantially parallel to the surface of said substrate.
3. (Previously Presented) The electrical device of claim 1, wherein said crossover is surrounded by said electrically insulating structure.
4. (Previously Presented) The electrical device according to claim 1, wherein said electrical device comprises a plurality of additional first connecting lines, some of said additional first connecting lines having crossovers with at least said second connecting line, wherein each crossover is bounded by a corresponding electrically insulating structure.
5. (Previously Presented) The electrical device of claim 1, wherein said electrical device is an electroluminescent display device and said component is a display pixel.

6. (Previously Presented) The electrical device of claim 5, wherein said display pixel comprises a first electrode, an electroluminescent material and a second electrode, said first or second electrode being connected to said first connecting line.

7. (Previously Presented) The electrical device of claim 1, wherein said electrical device is an integrated circuit.

8. (Previously Presented) The electrical device of claim 7, wherein said substrate is comprises glass.

9. (Previously Presented) A method for manufacturing an electrical device comprising a crossover of at least a first connecting line over at least a second connecting line, at least one of said connecting lines connecting to an electrical device, the method comprising:

forming said first connecting line and said second connecting line on a substrate;
depositing an insulating layer on said first connecting line and said second connecting line, at least in an area where said crossover is to be formed;

creating an opening in said insulating layer in a position where an electrical contact is to be provided between said first connecting line and a connection point;

forming an electrically insulating structure peripherally surrounding at least a portion of the area where said crossover is to be formed; and

depositing an electrically conductive layer on the insulating layer to connect said first connecting line to said connection point, which connection point may be connected to another second connecting line.

10. (Previously Presented) The method of claim 9, wherein said electrically insulating structure is formed so as to extend in a direction substantially perpendicular to said substrate and to comprise at least one overhanging portion projecting in a direction substantially parallel to the surface of said substrate.

11. (Previously Presented) The method of claim 9, wherein said electrically insulating structure surrounds the crossover.

12. (Previously Presented) The method of claim 9, wherein said electrical device is an electroluminescent display device having at least one display pixel comprising a first electrode, an electroluminescent material and a second electrode, said method further comprising:

forming said first electrode simultaneously with said first connecting line and said second connecting line;

forming an electroluminescent layer on said first electrode, at least at a position where the at least one display pixel is to be formed; and

forming said second electrode simultaneously with said electrically conductive layer, at least at the position where said display pixel is to be formed, so as to connect said first or second electrode with said first connecting line.

13. (Previously Presented) The method of claim 12, further comprising:

forming said electroluminescent layer after forming said electrically insulating structure.

14. (Previously Presented) The method of claim 9, wherein said electrical device is an integrated circuit and said first connecting line is connected to said integrated circuit.

15. (Previously Presented) The method of claim 14, wherein said integrated circuit is made on a glass substrate.

16-21. (Canceled)

22. (Previously Presented) The electrical device of claim 3, wherein said crossover is completely surrounded by said electrically insulating structure.

23. (Previously Presented) The electrical device of claim 1, wherein the electrical device is a test structure for testing a display panel.

24. (Previously Presented) The method of claim 9, wherein the first and second connecting lines are formed simultaneously.

25. (Previously Presented) The method of claim 9, wherein the first and second connecting lines are formed successively.

26. (Previously Presented) An electrical device comprising:
a plurality of electrodes on a substrate, the plurality of electrodes corresponding to a plurality of components;
a plurality of first connecting lines electrically connected to the plurality of electrodes;
a plurality of second connecting lines, each of the plurality of first connecting lines being electrically connected to one of the plurality of second connecting lines; and
an insulating layer covering at least a portion of each of the plurality of first connecting lines and the plurality of second connecting lines,
wherein at least one first connecting line of the plurality of first connecting lines connects with one second line of the plurality of second connecting lines through an opening in the insulating layer by bridging at least one other second connecting line of the plurality of second connecting lines at a crossover, the crossover being insulated from the at least one other second connecting line by the insulating layer and from at least one other first connecting line by an insulating structure surrounding the crossover and the opening.

27. (Previously Presented) The electrical device of claim 26, wherein the plurality of components comprise a plurality of pixels.

28. (Previously Presented) The electrical device of claim 27, wherein the plurality of second connecting lines provide a corresponding plurality of color signals for sub-pixels within the pixels connected to the plurality of first connecting lines.